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IB - 337/63
27 November 1963

25X1A MEMORANDUM FOR: Chief, Manufacturing and Services Division, ORR

ATTENTION : [REDACTED] MS/D

THROUGH : Chief, Requirements Branch, Reconnaissance Group, CGS

FROM : Chief, CIA/PID (NPIC)

25X1D

SUBJECT : Tsi-Nan Arsenal Complex, China

REFERENCES : (1) ORR Requirement No. C-RR-80,522/63 (Revision)
(2) CIA/PID Project No. C 1424/63

1. This memorandum is in response to the above referenced requirement calling for an analysis of arsenals at Tsi-Nan, China, including production activity and expansion since [REDACTED]

2. An analysis of photo [REDACTED] the only suitable coverage of Tsi-Nan, revealed three arsenals and four explosive storage areas. These seven installations are depicted on the enclosed reference map (CIA/PID/IB-P-751/63) and given a number designation which corresponds to the accompanying photo enlargements of each installation and the following descriptions. 25X1D

3. Installation #1 (See Enclosure CIA/PID/IB-P-752/63), probable explosives maintenance and storage area, is located 4.6 nautical miles northeast of Tsi-Nan, at 36° 44'N - 117° 04'E.

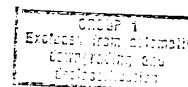
The maintenance area is within a security fence, contains fourteen buildings and is road served. The storage area contains eight revetted magazines and eleven unrevetted storage buildings. Neither area appears active because the roads within the facility, especially those serving the revetted buildings, do not show recent track activity.

4. Installation #2 (See Enclosure CIA/PID/IB-P-753/63) a probable nitrocellulose and ammunition manufacturing facility located 2.7 nautical miles north of Tsi-Nan at 36° 43'N - 117° 00'E.

This installation contains four separate areas: Area A, probable detonator or initiator manufacturing and storage; Area B, administration and possible research and development; Area C, nitrocellulose manufacturing; and Area D, shell case manufacturing and loading. This

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Page 2

SUBJECT: Tsi-Nan Arsenal Complex, China

installation is capable of producing a wide variety of ammunitions as well as civilian and military explosives. It is rail served and is very active as personnel and trucks were observed on the service roads.

5. Installation #3 (see enclosure CIA/PID/IB-P-754/63), an explosives storage facility, is located 2.9 nautical miles southwest of Tsi-Nan at 36 39 N/116 57 E. The facility is secured by a single fence and contains sixteen revetted buildings, sixteen unrevetted buildings, eight warehouses, and several miscellaneous buildings. The installation is rail and road served and has a transshipment dock. The administrative area is separated from the storage buildings by a security fence.

The facility appears to be active as truck activity was noted.

6. Installation #4 (see enclosure CIA/PID/IB-P-755/63), a probable ballistic weapons plant, is located 3.1 nautical miles southwest of Tsi-Nan at 36 38 N/116 57 E. This plant contains two large heavy fabrication buildings (Annotation 1) possibly used for assembling artillery or arms; both buildings have large crane-served storage yards (Annotation 2) associated with them. The area also contains several other fabrication buildings, a probable forge (Annotation 3) and foundry (Annotation 4), a small transformer yard (Annotation 5), several open storage areas, two mobile cranes (Annotation 5), and several miscellaneous buildings. The facility is secured by a single fence and is rail and road served.

This installation appears active as personnel and truck activity were noted.

7. Installation #5 (see enclosure CIA/PID/IB-P-756/63), a probable detonator manufacturing and storage facility, is located 3 nautical miles southwest of Tsi-Nan at 36 37N/116 57E. This installation is road served, secured by a single fence, and contains a steam plant (Annotation 4), five revetted storage magazines (Annotation 2), two manufacturing buildings (Annotation 3), a revetted storage building (Annotation 1), and several miscellaneous buildings.

The installation appears active as truck activity was noted.

8. Installation #6 (see enclosure CIA/PID/IB-P-756/63), an explosives storage area, is located 3.4 nautical miles southwest of Tsi-Nan at 36 37N/116 57E. This installation contains forty-four revetted storage buildings and seven miscellaneous buildings. It is secured by a single fence and is road served.

This installation appears active although no personnel or truck activity was noted.

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PAGE 3

SUBJECT: Tsi-Nan Arsenal Complex, China

9. Installation #7 (See Enclosure CIA/PID/IB-757/63), an explosives storage area, is located 4 nautical miles southwest of Tsi-Nan at 36° 37'N - 116° 57'E. This facility is road served, secured by a single fence, and contains ninety underground storage bunkers, fifteen revetted storage buildings, and several miscellaneous buildings. In addition, there are sixty-seven other underground storage bunkers within this facility that do not appear to be in use.

No personnel or truck activity was noted, however, the area is well maintained and appears to be active.

10. All installations contained in this memorandum showed no signs of expansion or construction on the photography used.

11. The photo analyst assigned to this project was [REDACTED] who may be contacted on extension 2547 should you have further questions regarding this project. This requirement is considered to be complete.

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ENCLOSURES:

- 1 Annotated map (CIA/PID/IB-P-751/63)
- 6 Annotated Photo Enlargements (CIA/PID/IB-P-7

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AN ARSENAL COMPLEX

**TSI-NAN, CHINA
(36-40N/117-00E)**

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TSI-NAN, CHINA
(36-40N/117-00E)

TSI-NAN ARSENAL CO

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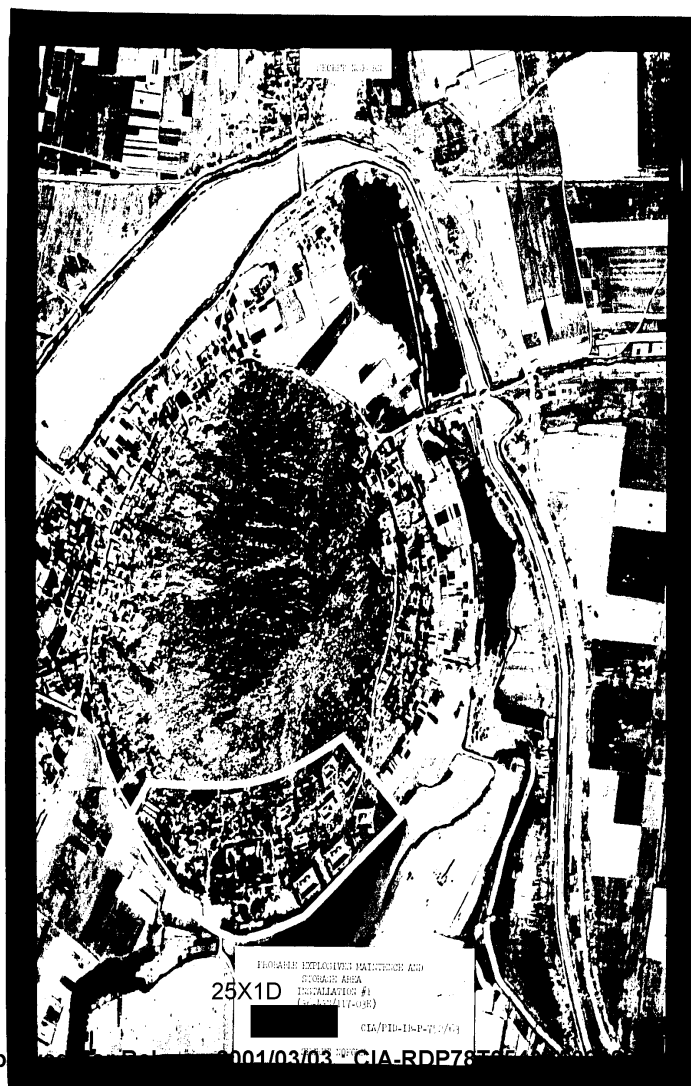
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